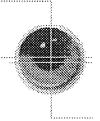
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1. C 2002

**KSA** 

Title:

Test Method of Thermal Life Evaluation of Plastics by

Thermogravimetry

2. M 3048

**KSA** 

Title:

Testing Methods of Plastics by Thermogravimetry

3. ASTM E2105-00

**ASTM** 

Title:

Standard Practice for General Techniques of Thermogravimetric

Analysis (TGA) Coupled With Infrared Analysis (TGA/IR)

4. <u>ASTM E2043-99</u>

**ASTM** 

Title:

Standard Test Method for Nonvolatile Matter of Agricultural

Adjuvant Solutions by Thermogravimetry

5. <u>ASTM D6382-99</u>

**ASTM** 

Title:

Standard Practice for Dynamic Mechanical Analysis and

Thermogravimetry of Roofing and Waterproofing Membrane

Material

8. <u>ASTM E1641-99</u>

**ASTM** 

Title:

Standard Test Method for Decomposition Kinetics by

Thermogravimetry

7. <u>ASTM E1582-00</u>

**ASTM** 

Title:

Standard Practice for Calibration of Temperature Scale for

Thermogravimetry

Title:

Plastics - Thermogravimetry (TG) of polymers - General principles (ISO 11358:1997); German version EN ISO

11358:1997

9. ISO 9924-2:2000

ISO

Title:

Rubber and rubber products – Determination of the composition of vulcanizates and uncured compounds by thermogravimetry –

Part 2: Acrylonitrile-butadiene and halobutyl rubbers

10. ASTM E1868-02

**ASTM** 

Title:

Standard Test Method for Loss-On-Drying by Thermogravimetry

11. ISO 9924-1:2000

ISO

Title:

Rubber and rubber products – Determination of the composition of vulcanizates and uncured compounds by thermogravimetry –

Part 1: Butadiene, ethylene-propylene copolymer and

terpolymer, isobutene-isoprene, isoprene and styrene-butadiene

rubbers

12. ISO 11358:1997

ISO

Title:

Plastics - Thermogravimetry (TG) of polymers - General

principles

13. <u>JIS K 7120:1987</u>

JSA

Title:

Testing methods of plastics by thermogravimetry

14. <u>C</u>

14. DIN 51006

DIN

Title:

Thermal analysis; principles of thermogravimetry

American

15. ASTM D4530-03

ASTM

National Standard

` ·

Title:

Standard Test Method for Determination of Carbon Residue

(Micro Method)

16. ISO/DIS 21870

ISO

Title:

Rubber compounding ingredients – Carbon black – Determination of high-temperature loss on heating by

#### thermogravimetry

17. PREN 1878

CEN

Title:

Products and Systems for the Protection and Repair of Concrete Structures - Test Methods - Reactive Functions of Epoxy Resins - Thermogravimetry of Polymers - Temperature Scanning

Method

18. EN ISO 11358

CEN

Title:

Plastics - Thermogravimetry (TG) of Polymers - General

Principles ISO 11358: 1997

19. ISO/DIS 11358-2.2

ISO

Title:

Plastics - Thermogravimetry (TG) of polymers - Part 2:

Determination of kinetic parameters

20. ASTM E1131-03

**ASTM** 

Title:

Standard Test Method for Compositional Analysis by

Thermogravimetry

21. ASTM D6370-99(2003)

ASTM

Title:

Standard Test Method for Rubber-Compositional Analysis by

Thermogravimetry (TGA)

22. ASTM E2040-03

**ASTM** 

Title:

Standard Test Method for Mass Scale Calibration of

Thermogravimetric Analyzers

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23. ASTM E2008-04

**ASTM** 

Title:

Standard Test Method for Volatility Rate by Thermogravimetry

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SPARCH NOTE

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### Work Item Summary

WORK ITEM STATUS. Item: 003 Ballot: E37 (04-02)

What is a Work item?

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Status: Ballot Item Approved

WK3791 Standard Practice for Calibration of Temperature Scale for Thermogravimetry

Additional information: Committee,EJZ.Home Work Item Type: Revision of £1562.00

Developed by Subcommittee: £27.01

See <u>Related Work</u> by this Subcommittee

Date Initiated: 01-08-2004

Committee ESI Home Coulost Staff Manager Technical Contest: MARK FLESZAR

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1. Rationale

Upgrade information on the source of reference materials and their value.

Keywords

Curie Point standards; magnetic transition standards; melting point standards; temperature calibration; thermogravimetry; 17.200.20

Citing ASTM Standards [Back to Top]

ASTMCOLLECTION WORKITEMS

6/10/04





curie point ASTM Search

Searched for curie point.

Results 1 - 10 of about 12, Search took 0.05 seconds.

## The Collection and Detection of Accelarant Vapors Using ...

... s): Andrasko J Title: The Collection and Detection of Accelarant Vapors Using Porous Polymers and Curie Point Pyrolysis Wires Coated with Active Carbon Keywords ...

An Improvement on Pyrolysis Gas Chromatography for the ... ... for the Differentiation of Photocopy Toners Keywords: chromatographic analysis, **Curie-point** pyrolyser, dual wide-bore capillary column GC, forensic science ...

#### E1582-93 Standard Practice for Calibration of Temperature ...

... by measurement of the deviation of a melting or magnetic (Curie Point) transition temperature from the standard reference temperature. This deviation can be ...

### E1582-00 Standard Practice for Calibration of Temperature ...

... by measurement of the deviation of a melting or magnetic (**Curie Point**) transition temperature from the standard reference temperature. This deviation can be ...

### ASTM Journal of Forensic Science Vol.28, No.2, 1983

... RM 318-329. The Collection and Detection of Accelarant Vapors Using Porous Polymers and Curie Point Pyrolysis Wires Coated with Active Carbon Andrasko J 330-344. ...

#### WK3791- Standard Practice for Calibration of Temperature Scale ...

... Keywords **Curie Point** standards; magnetic transition standards; melting **point** standards; temperature calibration; thermogravimetry; 17.200.20. ...

#### ASTM International - 2003 Laboratory Directory

... and breakdown, Hall effect, magnetoresistance, superconductor onset temperature, Curie point, magnetic susceptibility, EMI, thermal conductivity, expansion, EMF ...

### [PDF] 130 TABLE 6.2 continued. 17-4 PH 17-4 PH 17-7 PH 17 Cr. ...

... Maximum Relative Permeability Saturation Flux Density ,T Coer cive For ce from Saturation, A/m Curie Point, C Ref. 17-4 PH 17-4 PH 17-7 PH 17 Cr, 4Ni, 1Mn, 1Si ... - 2004-04-29

### D3520-88(1998) Standard Test Method for Quenching Time of Heat ...

... Index Terms curie point; magnetic quenchometer; quench; quenchant; 75.120. Citing ASTM Standards. [Back to Top]. ...

#### ASTM Standards Search: E

... Bar Impact Testing of Metallic Materials E28-99 Standard Test Methods for Softening **Point** of Resins Derived from Naval Stores by Ring-and-Ball Apparatus E29 ...

Result Page: 1 2 Next

1	ASTM Search
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curie point	ASTM Search
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Results 11 - 12 of about 12. Search took 9.01 seconds.

#### Metals

... High-Strength Low-Alloy Structural Steel with 50 ksi [345 MPa] Minimum Yield Point to 4-in. [100-mm] Thick A589-96(2001) Standard Specification for Seamless ...

# [PDF] A1. Subject Headings of Text

... of fundamental properties of materials such as density, absolute viscosity, softening **point**, and flash **point**. They may include a variety of different ... - 2003-10-08

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#### Showing r sults 1-41 of 41 matching ACTIVE standards under the jurisdiction of E37.01 <u>E37 Home</u>

E793-01 Standard Test Method for Enthalpies of Fusion and Crystallization by Differential Scanning Calorimetry See also WK2669 for information on a proposed revision to this standard.

E794-01 Standard Test Method for Melting and Crystallization Temperatures by Thermal Analysis

E831-03 Standard Test Method for Linear Thermal Expansion of Solid Materials by Thermomechanical Analysis See also WK1115 for information on a proposed revision to this standard.

See also WK4755 for information on a proposed revision to this standard.

E928-03 Standard Test Method for Determination of Purity by Differential Scanning Calorimetry

E967-03 Standard Practice for Temperature Calibration of Differential Scanning Calorimeters and Differential Thermal Analyzers

E968-02 Standard Practice for Heat Flow Calibration of Differential Scanning Calorimeters

E1131-03 Standard Test Method for Compositional Analysis by Thermogravimetry

E1269-01 Standard Test Method for Determining Specific Heat Capacity by Differential Scanning Calorimetry See also WK2475 for information on a proposed revision to this standard.

E1356-03 Standard Test Method for Assignment of the Glass Transition Temperatures by Differential Scanning Calorimetry

E1363-03 Standard Test Method for Temperature Calibration of Thermomechanical Analyzers

E1545-00 Standard Test Method for Assignment of the Glass Transition Temperature by Thermomechanical Analysis

E1582-00 Standard Practice for Calibration of Temperature Scale for Thermogravimetry See also WK3791 for information on a proposed revision to this standard.

E1640-99 Standard Test Method for Assignment of the Glass Transition Temperature By Dynamic Mechanical Analysis See also WK2580 for information on a proposed revision to this standard.

E1641-99 Standard Test Method for Decomposition Kinetics by Thermogravimetry See also WK2579 for information on a proposed revision to this standard.

E1719-97 Standard Test Method for Vapor Pressure of Liquids by Ebulliometry See also <u>WK4980</u> for information on a proposed revision to this standard.

E1782-03 Standard Test Method for Determining Vapor Pressure by Thermal Analysis

E1824-02 Standard Test Method for Assignment of a Glass Transition Temperature Using Thermomechanical Analysis Under Tension

See also WK992 for information on a proposed revision to this standard.

E1858-03 Standard Test Method for Determining Oxidation Induction Time of Hydrocarbons by Differential Scanning Calorimetry

E1860-02 Standard Test Method for Elapsed Time Calibration Thermal Analyzers

E1867-01 Standard Test Method for Temperature Calibration of Dynamic Mechanical Analyzers See also WK3645 for information on a proposed revision to this standard.

E1868-02 Standard Test Method for Loss-On-Drying by Thermogravimetry
See also WK3770 for information on a proposed revision to this standard.

E1877-00 Standard Practice for Calculating Thermal Endurance of Materials from Thermogravimetric Decomposition Data

E1952-01 Standard Test Method for Thermal Conductivity and Thermal Diffusivity by Modulated Temperature Differential Scanning Calorimetry

E1953-02 Standard Practice for Description of Thermal Analysis Apparatus

E1970-01 Standard Practice for Statistical Treatment of Thermoanalytical Data

E2008-04 Standard Test Method for Volatility Rate by Thermogravimetry
See also WK989 for information on a proposed revision to this standard.
See also WK3690 for information on a proposed revision to this standard.

E2009-02 Standard Test Method for Oxidation Onset Temperature of Hydrocarbons by Differential Scanning Calorimetry See also WK4756 for information on a proposed revision to this standard.

E2038-99(2004) Standard Test Method for Temperature Calibration of Dielectric Analyzers See also WK2581 for information on a proposed revision to this standard.

E2039-04 Standard Test Method for Determining and Reporting Dynamic Dielectric Properties

See also <u>WK2582</u> for information on a proposed revision to this standard.

See also <u>WK3691</u> for information on a proposed revision to this standard.

E2040-03 Standard Test Method for Mass Scale Calibration of Thermogravimetric Analyzers See also WK871 for information on a proposed revision to this standard.

E2041-03 Standard Method for Estimating Kinetic Parameters by Differential Scanning Calorimeter Using the Borchardt and Daniels Method

See also WK1116 for information on a proposed revision to this standard.

E2069-00 Standard Test Method for Temperature Calibration on Cooling of Differential Scanning Calorimeters
See also WK2670 for information on a proposed revision to this standard.

E2070-03 Standard Test Method for Kinetic Parameters by Differential Scanning Calorimetry Using Isothermal Methods See also WK1117 for information on a proposed revision to this standard.

E2071-00 Standard Practice for Calculating Heat of Vaporization or Sublimation from Vapor Pressure Data

E2092-03 Standard Test Method for Distortion Temperature in Three-Point Bending by Thermomechanical Analysis See also WK3329 for information on a proposed revision to this standard.

<u>E2113-02 Standard Test Method for Length Change Calibration of Thermomechanical Analyzers</u>
See also <u>WK4278</u> for information on a proposed revision to this standard.

E2160-01 Standard Test Method for Heat of Reaction of Thermally Reactive Materials by Differential Scanning Calorimetry

See also WK993 for information on a proposed revision to this standard.

E2206-02 Standard Method for Force Calibration Of Thermomechnical Analyzers

E2253-03 Standard Method for Enthalpy Measurement Validation of Differential Scanning Calorimeters

E2254-03 Standard Test Method for Storage Modulus Calibration of Dynamic Mechanical Analyzers

E2347-04 Standard Test Method for Indentation Softening Temperature by Thermomechanical Analysis

Showing results 1-29 f 29 matching WORK ITEMS under the jurisdicti n of E37.01 <u>E37 Home</u>

WK418 Determination of Purity by Differential Scanning Calorimetry Using Stepwise Heating WK736 Sulfated Ash of Organic Material by Thermogravimetry WK738 Practice for Indentation Softening Temperature by Thermomechanical Analysis WK871 Proposed Revision of E2040-03 WK989 Proposed Revision of E2008-04 WK992 Proposed Revision of E1824-02 WK993 Proposed Revision of E2160-01 WK1115 Proposed Revision of E831-03 WK1116 Proposed Revision of E2041-03 WK1117 Proposed Revision of E2070-03 WK1236 Test Method for Purity by Step Analysis Differential Scanning Calorimetry WK2475 Proposed Revision of E1269-01 WK2579 Proposed Revision of E1641-99 WK2580 Proposed Revision of E1640-99 WK2581 Proposed Revision of E2038-99(2004) WK2582 Proposed Revision of E2039-04 WK2669 Proposed Revision of E793-01 WK2670 Proposed Revision of E2069-00 WK3113 Loss Modulus Calibration or Conformance of Dynamic Mechanical Analyzers WK3329 Proposed Revision of E2092-03 WK3391 Mass Loss and Residue Validation of Thermogravimetric Analyzers WK3645 Proposed Revision of E1867-01 WK3690 Proposed Revision of E2008-04 WK3691 Proposed Revision of E2039-04 WK3770 Proposed Revision of E1868-02 WK3791 Proposed Revision of E1582-00 WK4278 Proposed Revision of E2113-02 WK4755 Proposed Revision of E831-03

WK4756 Proposed Revision of E2009-02